utah govops

UTAH DEPARTMENT OF GOVERNMENT OPERATIONS

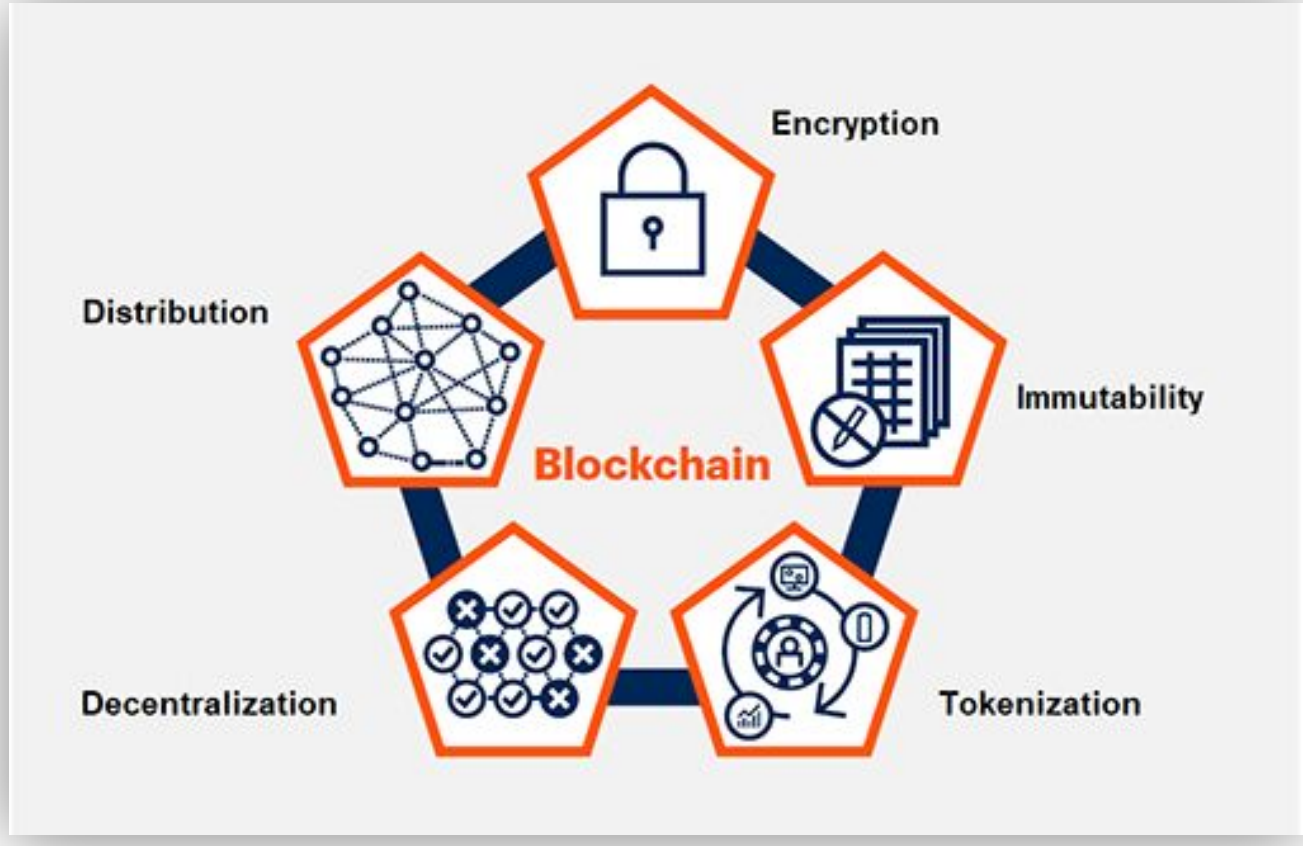
Division of Technology Services

Blockchain Technology

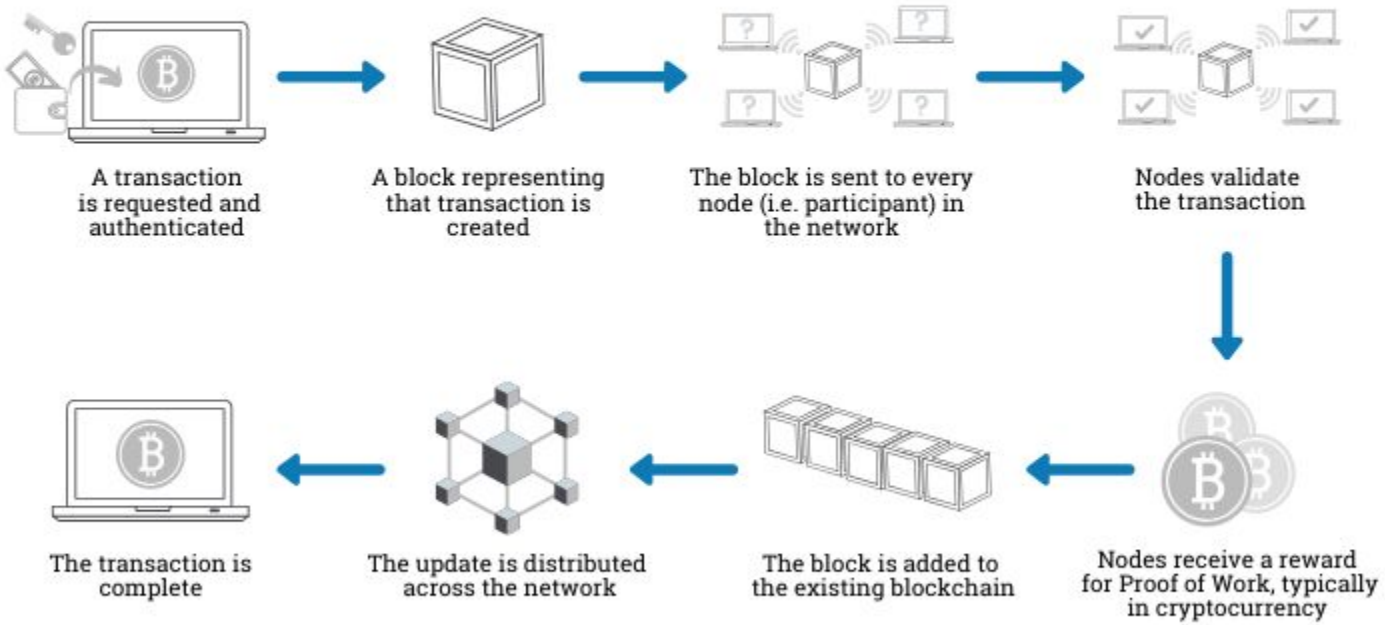
PUET Interim Committee

September 15, 2021

Alan Fuller, CIO


Encryption
Distribution
Immutability
Blockchain
Decentralization
Tokenization

How does a transaction get into the blockchain?



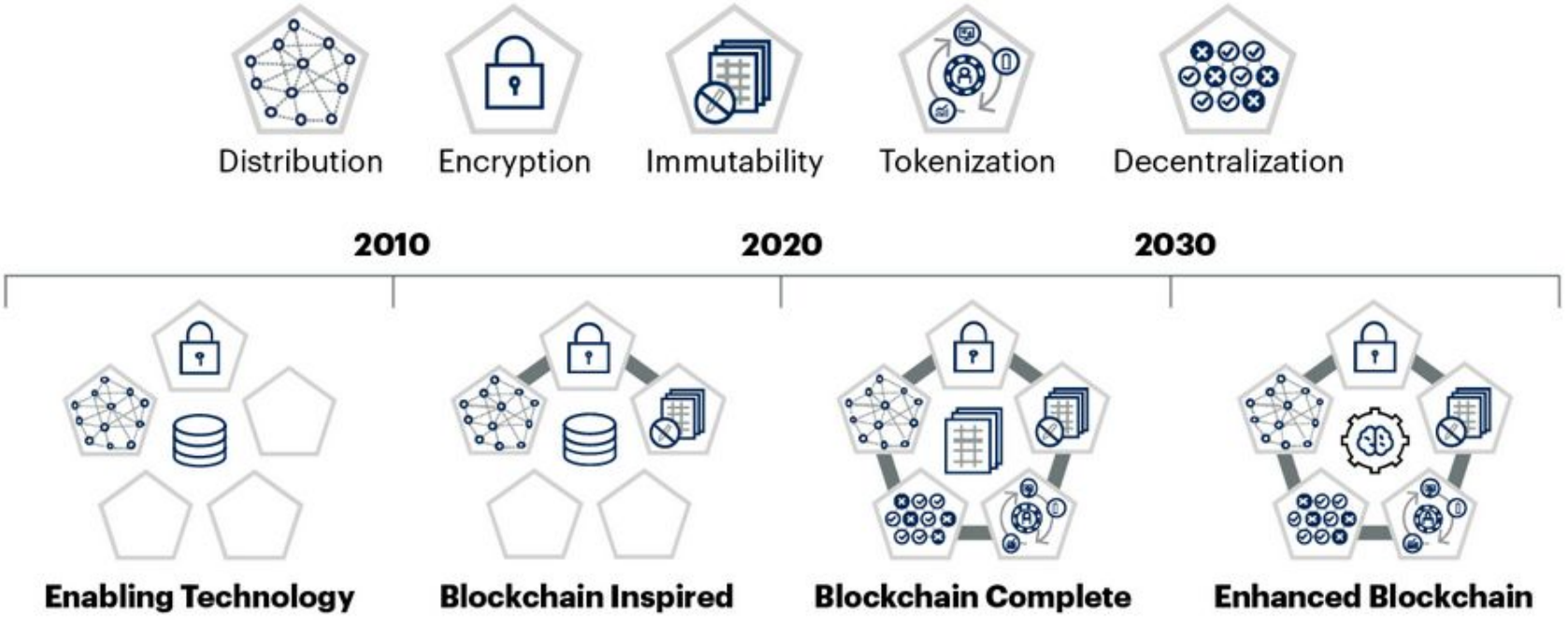
© Euromoney Learning 2020

Potential Blockchain Use Cases

- Voting
- Vehicle Titling
- Citizen Identity
- Animal Tracking

MacBook Air
EESTI VABARIIK
Republic of Estonia
DIGITAALNE ISIKUTUNNISTUS
Digital Identity Card
ERÇETIN
MÄNNÖZER
345678
14.01.2019
14.01.2024

Blockchain Spectrum



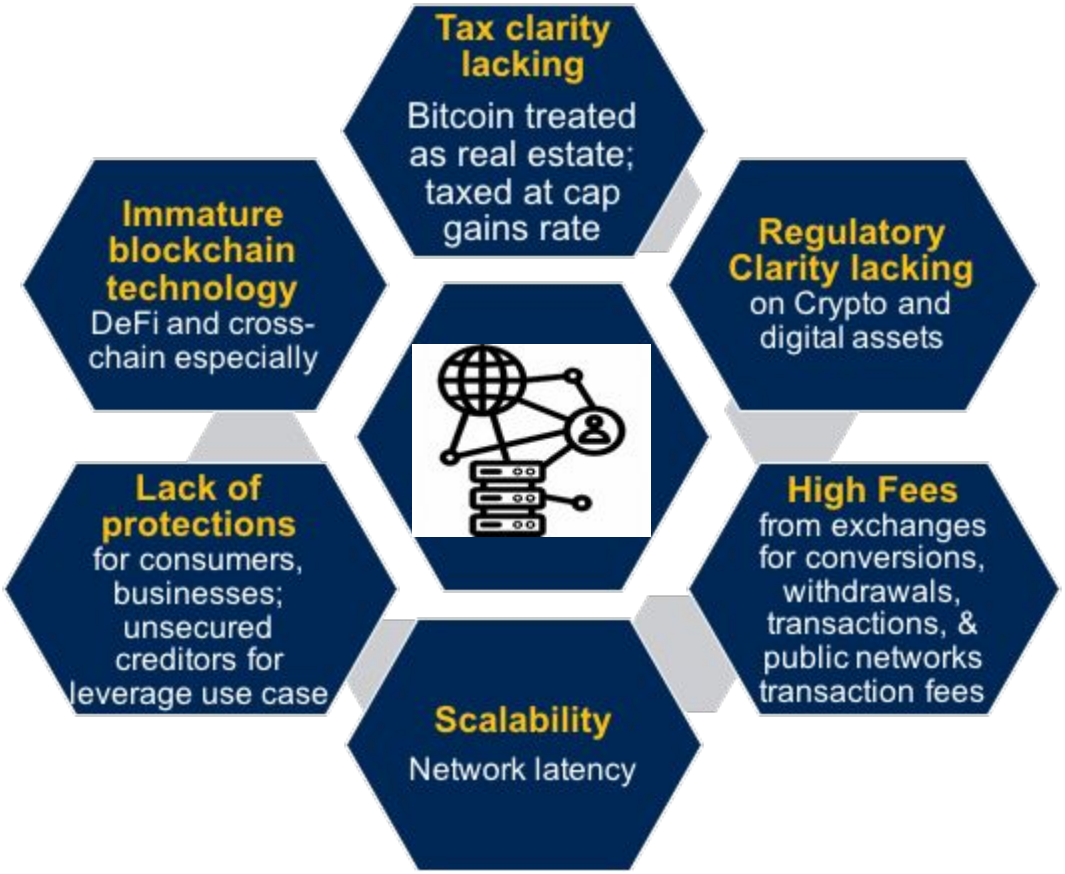
Source: Gartner

Blockchain is still an evolving technology

According to Gartner, "successful permissioned (enterprise) blockchain projects are scarce."

"The cost of immature technology is still high; ROI is still unproven."

DTS has met with some potential providers and will continue to monitor developments for solutions that might present opportunities to improve government operations.



There are still many challenges working with crypto/digital currencies

Summary

- Blockchain is a promising technology, and is already being used in a variety of ways
- It is still a developing technology
- The state will most likely utilize blockchain technology by purchasing applications that embed blockchain, not by developing blockchain-based products directly